		tion No.	Applicant(s)	Applicant(s)	
Notice of Allowability	10/612,652		DROPPLEMAN, J. PATRICK		
	Examin		Art Unit		
	J. Casin	ner Jacyna	3751		
The MAILING DATE of this communication apperall claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI	(OR REM or other a GHTS. T	IAINS) CLOSED in this appropriate communica his application is subje	application. If not includation will be mailed in due	ed course. THIS	
1. This communication is responsive to the application of 7/2/	<u>′2004</u> .				
2. ⊠ The allowed claim(s) is/are <u>1-18</u> .					
3. $igsqrtyle$ The drawings filed on $7/2/2004$ are accepted by the Exami	ner.				
 4. ☐ Acknowledgment is made of a claim for foreign priority una) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents have 2. ☐ Certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE". 	been rec been rec cuments l	ceived. ceived in Application No nave been received in t	o his national stage applica		
noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.	IENT of th	nis application.			
 A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give 				OTICE OF	
6. CORRECTED DRAWINGS (as "replacement sheets") mus	t be subn	nitted.			
(a) including changes required by the Notice of Draftspers		ent Drawing Review (P	TO-948) attached		
 1) ☐ hereto or 2) ☐ to Paper No./Mail Date (b) ☐ including changes required by the attached Examiner's 		nont / Comment or in th	oe Office action of		
Paper No./Mail Date	Amendi	nent / Comment of in a	ie Office action of		
Identifying indicia such as the application number (see 37 CFR 1. each sheet. Replacement sheet(s) should be labeled as such in t				e back) of	
7. DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT				Note the	
Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☑ Notice of Draftperson's Patent Drawing Review (PTO-948)		6. Interview Sum Paper No./Ma		O-152)	
 Information Disclosure Statements (PTO-1449 or PTO/SB/04 Paper No./Mail Date 10172003 Examiner's Comment Regarding Requirement for Deposit of Biological Material 	8),	7. Examiner's Ame	ndment/Comment ement of Reasons for Allowance		
			J. Casimer Jacyna Primary Examiner Art Unit: 3751	ì	

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1. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Figure 6 of Borland teaches an actuated solenoid valve with an annular valve seat. However, the gas inlet orifice in Borland is also the internal aperture for receiving a valve actuator wherein there are not two aligned passages as claimed. Benson et al., Davenport and Behle teach other gas cylinder valves.

2. The following is an examiner's statement of reasons for allowance: The prior art of record does not teach a method or apparatus that includes a valve body with an internal aperture for receiving a valve actuator and a threaded extension for connecting with a gas cylinder with the threaded extension having a gas inlet orifice in alignment with the internal aperture for the valve actuator with the valve actuator including a movable annular valve seat wherein valve seat material is adjacent to and surrounds the gas inlet orifice and is contacted by the annular valve seat on the actuator as claimed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to J. Casimer Jacyna whose telephone number is 571-272-4889. The examiner can normally be reached on Wed. thru Fri. 9AM-7PM, Mon. 7AM-1PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gregory Huson can be reached on 703-272-4887. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

J. Casimer Jacyna Primary Examiner Art Unit 3751